

5 METHOD FOR NUCLEIC ACID PREPARATION

ABSTRACT OF THE DISCLOSURE

10 Concentration of oligonucleotides in salt solutions is accomplished by loading a solution of the
 oligonucleotide dissolved in aqueous sodium chloride or other salt solution onto a reverse-phase
 poly(styrene-divinylbenzene) liquid chromatography (LC) column. The column bearing
 oligonucleotide is then washed with water to low conductivity and eluted with an organic eluent such
 as ethanol, thus effecting a combination desalting/concentration procedure in one step, thus this
 procedure has utility in the desalting and concentration of oligonucleotides that have been purified
 15 and/or treated by anion exchange chromatography. *In situ* cationic exchange of the associated cation
 of the oligonucleotide can also be incorporated into the procedure of the new invention.

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